Amendments To The Claims:

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The listing of claims set forth below will replace all prior versions, and listings, of claims in the application: Listing of Claims:

(currently amended) An improved quick release mechanical 1 1. bracket for detachably retaining a tank therewithin 2 comprising: 3 a frame means extending vertically including; Α. an upper flange means extending outwardly 5 therefrom; a lower flange means extending outwardly therefrom 6 at a position spatially disposed below said upper (2) 7 flange means to define a tank holding zone 8 9 therebetween; a first driveshaft means rotatably mounted within said 10 upper flange means and rotatably mounted within said В. 11 lower flange means and extending therebetween; 12 a second driveshaft means rotatably mounted within said 13 upper flange means at a position laterally spatially c. 14 disposed from said first driveshaft means, said second 15 driveshaft means being rotatably mounted within said 16 lower flange means at a position spatially disposed 17 laterally from said first driveshaft means, said second 18 driveshaft means extending vertically between said 19

upper flange means and said lower flange means at a

position laterally displaced from said first driveshaft
means, said second driveshaft means and said first
driveshaft means extending vertically approximately
parallel with respect to one another to define said
tank holding zone therebetween below said upper flange
means and above said lower flange means;

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- D. at least one tank clamping means secured to said first driveshaft means and said second driveshaft means and being movable therewith between the closed position retaining a tank within said tank holding zone and an opened position releasing a tank to allow removal thereof from said tank holding zone, each of said tank clamping means including;
 - (1) a first clamping arm means secured to said first driveshaft means to be rotatably movable therewith between a closed position in abutting engagement with a tank positioned within said tank holding zone for retaining same therewithin and the opened position releasing same;
 - (2) a second clamping arm means secured to said second driveshaft means and rotatably movable therewith between a closed position in abutting engagement with a tank positioned within said tank holding zone for retaining same therewithin and the opened position releasing same;
- E. a first guide boss means fixedly secured to said frame

means below said upper flange means and above said
lower [[frame]] flange means at a position intermediate
therebetween adjacent said first driveshaft means, said
first guide boss means defining a first profiled guide
surface at least partially encircling said first
driveshaft means and positioned thereadjacent to
prevent lateral deflection thereof;

- F. a second guide boss means fixedly secured to said frame means below said upper flange means and above said lower [[frame]] flange means at a position intermediate therebetween adjacent said second driveshaft means, said second guide boss means defining a second profiled guide surface at least partially encircling said second driveshaft means and positioned thereadjacent to prevent lateral deflection thereof; and
- G. an interengagement means operatively attached with respect to said first driveshaft means and said second driveshaft means for rotating both simultaneously, said interengagement means being operative to rotate said first driveshaft means counterclockwise and said second driveshaft means clockwise simultaneously to move said first clamping arm means and said second clamping arm means toward the closed position for retaining of a tank within said tank holding zone, said interengagement means being operative to rotate said first driveshaft means clockwise and said second

- driveshaft means counterclockwise simultaneously to

 move said first clamping <u>arm</u> means and said second

 clamping <u>arm</u> means toward the opened position for

 releasing of a tank from within said tank holding zone.
- 2. 1 (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first guide boss means is positioned adjacent said first 5 driveshaft means diametrically opposite from said tank 6 holding zone to restrict lateral flexing of said first 7 driveshaft means away from said tank holding zone and 8 wherein said second profiled guide surface of said second 9 guide boss means is positioned adjacent said second 10 driveshaft means diametrically opposite from said tank 11 holding zone to restrict lateral flexing of said second 12 driveshaft means away from said tank holding zone.
 - 3. 1 (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first guide boss means is laterally spaced from said first driveshaft means at a distance of less than 0.015 inches and 5 6 wherein said second profiled guide surface of said second 7 guide boss means is laterally spaced from said second 8 driveshaft means at a distance of less than 0.015 inches.

- 1 4. (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first guide boss means is laterally spaced from said first driveshaft means at a distance of between 0.005 and 0.010 5 6 inches inclusively and wherein said second profiled quide 7 surface of said second guide boss means is laterally spaced 8 from said second driveshaft means at a distance of between 9 0.005 and 0.010 inches inclusively.
- 1 5. (original) An improved quick release mechanical bracket for
 2 detachably retaining a tank therewithin as defined in Claim
 3 wherein said first profiled guide surface is arcuate and
 4 wherein said second profiled guide surface is arcuate.
- 6. (original) An improved quick release mechanical bracket for 1 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first 4 guide boss means extends through an arc of greater than 90 degrees and less than 270 degrees to further limit lateral 5 6 deflecting of said first driveshaft means and wherein said 7 second profiled guide surface of said second guide boss 8 means extends through an arc of greater than 90 degrees and 9 less than 270 degrees to further limit lateral deflecting of said second driveshaft means. 10

- 1 7. (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first 4 guide boss means extends through an arc approximately 120 5 degrees to further limit lateral deflecting of said first driveshaft means and wherein said second profiled quide 6 surface of said second guide boss means extends through an 7 8 arc of approximately 120 degrees to further limit lateral 9 deflecting of said second driveshaft means.
- 8. 1 (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 3 1 wherein said first profiled guide surface of said first guide boss means includes a first upper guide edge and a 5 first lower guide edge spaced apart from said first upper 6 guide edge to further prevent deflection of said first driveshaft means laterally and wherein said second profiled 7 8 guide surface of said second guide boss means includes a 9 second upper guide edge and a second lower guide edge spaced 10 apart from said second upper guide edge to further prevent deflection of said second driveshaft means laterally. 11
 - (original) An improved quick release mechanical bracket for
 detachably retaining a tank therewithin as defined in Claim
 wherein said tank clamping means includes;

Α. an upper tank clamping member including a first upper clamping arm means and a second upper clamping arm means, said first upper clamping arm means being secured to said first driveshaft means at a position thereon closer to said upper flange means than to said lower flange means and said second upper clamping arm means being secured to said second driveshaft means at a position thereon closer to said upper flange means than to said lower flange means; and

- B. a lower tank clamping member including a first lower clamping arm means and a second lower clamping arm means, said first lower clamping arm means being secured to said first driveshaft means at a position thereon closer to said lower flange means than to said upper flange means and said second lower clamping arm means being secured to said second driveshaft means at a position thereon closer to said lower flange means than to said upper flange means.
- 1 10. (original) An improved quick release mechanical bracket for
 2 detachably retaining a tank therewithin as defined in Claim
 3 9 wherein said first guide boss means is located at an
 4 intermediate position adjacent said first driveshaft means
 5 below said first upper clamping arm means and above said
 6 first lower clamping arm means to minimize lateral
 7 deflection of said first driveshaft means.

- 1 11. (original) An improved quick release mechanical bracket for
 2 detachably retaining a tank therewithin as defined in Claim
 3 9 wherein said second guide boss means is located at an
 4 intermediate position adjacent said second driveshaft means
 5 below said second upper clamping arm means and above said
 6 second lower clamping arm means to minimize lateral
 7 deflection of said second driveshaft means.
- 12. 1 (original) An improved quick release mechanical bracket for 2 detachably retaining a tank therewithin as defined in Claim 1 wherein said first driveshaft means is of hexagonal cross-3 sectional shape defining first flat zones with first 5 protruding corner edges between adjacent of said first flat 6 zones to facilitate keying thereof with respect to said tank 7 clamping means and to facilitate simultaneous rotation 8 thereof between the closed position and opened position and 9 wherein said first profiled guide surface is spaced at 10 approximately 0.005 to 0.010 inches from said first 11 protruding corner edges for selective abutment therewith 12 responsive to lateral deflection of said first driveshaft 13 for minimizing thereof.
 - 1 13. (original) An improved quick release mechanical bracket for
 2 detachably retaining a tank therewithin as defined in Claim
 3 wherein said second driveshaft means is of hexagonal

cross-sectional shape defining second flat zones with second 4 5 protruding corner edges between adjacent of said second flat 6 zones to facilitate keying thereof with respect to said tank 7 clamping means and to facilitate simultaneous rotation thereof between the closed position and opened position and 8 9 wherein said second profiled guide surface is spaced at 10 approximately 0.005 to 0.010 inches from said second 11 protruding corner edges for selective abutment therewith 12 responsive to lateral deflection of said second driveshaft 13 for minimizing thereof.

- 14. 1 (original) An improved quick release mechanical bracket for detachably retaining a tank therewithin as defined in Claim 2 3 1 wherein said first driveshaft means and said second driveshaft means are made of steel and wherein said first 5 guide boss means and said second guide boss means are made 6 of cast aluminum to minimize wear of said first driveshaft means and said second driveshaft means responsive to lateral 7 8 deflection thereof causing abutment thereof with respect to 9 said first guide boss means and said second guide boss 10 means, respectively.
- 1 15. (original) An improved quick release mechanical bracket for
 2 detachably retaining a tank therewithin as defined in Claim
 3 1 wherein said first guide boss means is positioned adjacent
 4 said first driveshaft means at a position halfway between

- 5 said upper flange means thereabove and said lower flange
- 6 means therebelow and wherein said second guide boss means is
- 7 positioned adjacent said second driveshaft means at a
- position halfway between said upper flange means thereabove
- 9 and said lower flange means therebelow.
- 1 16. (original) An improved quick release mechanical bracket for
- 2 detachably retaining a tank therewithin as defined in Claim
- 3 1 wherein said first guide boss means and said second guide
- 4 boss means are integrally formed with respect to said frame
- 5 means.
- 1 17. (original) An improved quick release mechanical bracket for
- 2 detachably retaining a tank therewithin as defined in Claim
- 3 1 wherein said frame means includes a securement apparatus
- 4 for facilitating mounting of said frame means to
- 5 environmental structure, said securement apparatus
- 6 including:
- 7 A. an upper securement means positioned adjacent said
- upper flange means;
- 9 B. a lower securement means positioned adjacent said lower
- flange means; and
- 11 C. an intermediate securement means positioned immediately
- adjacent said first guide boss means and said second
- guide boss means for facilitating maintaining of
- structural integrity thereof in order to minimize

- lateral deflecting of said first driveshaft means and said second driveshaft means, respectively.
 - 1 18. (currently amended) An improved quick release mechanical
 - 2 bracket for detachably retaining a tank therewithin
 - 3 comprising:
 - 4 A. a frame means extending vertically including;
 - 5 (1) an upper flange means extending outwardly therefrom;
- 7 (2) a lower flange means extending outwardly therefrom
 8 at a position spatially disposed below said upper
 9 flange means to define a tank holding zone
 10 therebetween:
- B. a first driveshaft means rotatably mounted within said upper flange means and rotatably mounted within said lower flange means and extending therebetween;
- 14 C. a second driveshaft means rotatably mounted within said 15 upper flange means at a position laterally spatially 16 disposed from said first driveshaft means, said second 17 driveshaft means being rotatably mounted within said 18 lower flange means at a position spatially disposed 19 laterally from said first driveshaft means, said second 20 driveshaft means extending vertically between said upper flange means and said lower flange means at a 21 22 position laterally displaced from said first driveshaft 23 means, said second driveshaft means and said first

24		driveshaft means extending vertically approximately
25		parallel with respect to one another to define said
26		tank holding zone therebetween below said upper flange
27		means and above said lower flange means;
28	D.	a tank clamping means secured to said first driveshaft
29		means and said second driveshaft means and being
30		movable therewith between the closed position retaining
31		a tank within said tank holding zone and an opened
32		position releasing a tank to allow removal thereof from
33		said tank holding zone, said tank clamping means
34		including;
35		(1) an upper tank clamping member including
36		(a) a first upper clamping arm means;
37		(b) a second upper clamping arm means, said first
38		upper clamping arm means being secured to
39		said first driveshaft means at a position
40		thereon closer to said upper flange means
41		than to said lower flange means and said
42		second upper clamping arm means being secured
43		to said second driveshaft means at a position
44		thereon closer to said upper flange means
45		than to said lower flange means;
46		(2) a lower tank clamping member including;
47		(a) a first lower clamping arm means;
48		(b) a second lower clamping arm means, said first

lower clamping arm means being secured to

said first driveshaft means at a position
thereon closer to said lower flange means
than to said upper flange means and said
second lower clamping arm means being secured
to said second driveshaft means at a position
thereon closer to said lower flange means
than to said upper flange means;

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Ε. a first guide boss means formed integrally with said frame means below said upper flange means and above said lower [[frame]] flange means at a position intermediate therebetween adjacent said first driveshaft means, said first quide boss means defining a first profiled guide surface being arcuate and at least partially encircling said first driveshaft means and positioned thereadjacent to prevent lateral deflection thereof, said first profiled guide surface of said first guide boss means being positioned adjacent said first driveshaft means diametrically opposite from said tank holding zone to restrict lateral flexing of said first driveshaft means away from said tank holding zone, said first profiled guide surface of said first guide boss means being laterally spaced from said first driveshaft means at a distance of less than 0.015 inches, said first profiled quide surface of said first guide boss means extending through an arc of greater than 90 degrees and less than 270 degrees to further limit lateral deflecting of said first driveshaft means, said first guide boss means being positioned adjacent said first driveshaft means at a position halfway between said upper flange means thereabove and said lower flange means therebelow, said first profiled guide surface including:

a first upper guide edge;

- (2) a first lower guide edge spaced apart from said first upper guide edge, said first upper guide edge and said first lower guide edge cooperating to further prevent deflection of said first driveshaft means laterally;
- F. a second guide boss means formed integrally with said frame means below said upper flange means and above said lower [[frame]] flange means at a position intermediate therebetween adjacent said second driveshaft means, said second guide boss means defining a second profiled guide surface being arcuate and at least partially encircling said second driveshaft means and positioned thereadjacent to prevent lateral deflection thereof, said second profiled guide surface of said second guide boss means being positioned adjacent said second driveshaft means diametrically opposite from said tank holding zone to restrict lateral flexing of said second driveshaft means away from said tank holding zone, said second profiled

guide surface of said second guide boss means being laterally spaced from said second driveshaft means at a distance of less than 0.015, said second profiled guide surface of said second guide boss means extending through an arc of greater than 90 degrees and less than 270 degrees to further limit lateral deflecting of said second driveshaft means, said second guide boss means being positioned adjacent said second driveshaft means at a position halfway between said upper flange means thereabove and said lower flange means therebelow, said second profiled guide surface of said second guide boss means including:

(1) a second upper guide edge;

- (2) a second lower guide edge spaced apart from said second upper guide edge, said second lower guide edge and said second upper guide edge cooperating together to further prevent deflection of said second driveshaft means laterally; and
- G. an interengagement means operatively attached with respect to said first driveshaft means and said second driveshaft means for rotating both simultaneously, said interengagement means being operative to rotate said first driveshaft means counterclockwise and said second driveshaft means clockwise simultaneously to move said first clamping arm means and said second clamping arm means toward the closed position for retaining of a

128	tank within said tank holding zone, said
129	interengagement means being operative to rotate said
130	first driveshaft means clockwise and said second
131	driveshaft means counterclockwise simultaneously to
132	move said first clamping arm means and said second
133	clamping arm means toward the opened position for
134	releasing of a tank from within said tank holding zone.

- 1 19. (currently amended) An improved quick release mechanical
- 2 bracket for detachably retaining a tank therewithin
- 3 comprising:

- A. a frame means of aluminum extending vertically including;
- (1) an upper flange means extending outwardlytherefrom;
- 8 (2) a lower flange means extending outwardly therefrom
 9 at a position spatially disposed below said upper
 10 flange means to define a tank holding zone
 11 therebetween;
- 12 (3) a securement apparatus for facilitating mounting
 13 of said frame means to environmental structure,
 14 said securement apparatus including:
 - (a) an upper securement means positioned adjacent said upper flange means;
- 17 (b) a lower securement means positioned adjacent said lower flange means;

19 (c) an intermediate securement means positioned
20 at an intermediate position below said upper
21 securement means and above said lower
22 securement means to facilitate fixed
23 securement of said frame means to
24 environmental structure;

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- B. a first driveshaft means made of steel and rotatably mounted within said upper flange means and rotatably mounted within said lower flange means and extending therebetween;
- 29 a second driveshaft means made of steel and rotatably C. 30 mounted within said upper flange means at a position 31 laterally spatially disposed from said first driveshaft 32 means, said second driveshaft means being rotatably 33 mounted within said lower flange means at a position 34 spatially disposed laterally from said first driveshaft 35 means, said second driveshaft means extending 36 vertically between said upper flange means and said 37 lower flange means at a position laterally displaced 38 from said first driveshaft means, said second 39 driveshaft means and said first driveshaft means 40 extending vertically approximately parallel with 41 respect to one another to define said tank holding zone 42 therebetween below said upper flange means and above 43 said lower flange means;
 - D. a tank clamping means secured to said first driveshaft

45 means and said second driveshaft means and being 46 movable therewith between the closed position retaining 47 a tank within said tank holding zone and an opened 48 position releasing a tank to allow removal thereof from said tank holding zone, said tank clamping means 49 50 including; 51 (1)an upper tank clamping member including 52 (a) a first upper clamping arm means; 53 (b) a second upper clamping arm means, said first 54 upper clamping arm means being secured to 55 said first driveshaft means at a position 56 thereon closer to said upper flange means 57 than to said lower flange means and said 58 second upper clamping arm means being secured 59 to said second driveshaft means at a position 60 thereon closer to said upper flange means 61 than to said lower flange means; 62 (2) a lower tank clamping member including; 63 (a) a first lower clamping arm means; 64 (b) a second lower clamping arm means, said first 65 lower clamping arm means being secured to 66 said first driveshaft means at a position 67 thereon closer to said lower flange means 68 than to said upper flange means and said 69

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second lower clamping arm means being secured

to said second driveshaft means at a position

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a first guide boss means of aluminum and formed integrally with said frame means below said upper flange means and above said lower [[frame]] flange means at a position intermediate therebetween adjacent said first driveshaft means, said first guide boss means positioned immediately adjacent said intermediate securement means in order to facilitate maintaining of structural integrity of said frame means thereadjacent for minimizing lateral deflecting of said first driveshaft mean, said first guide boss means defining a first profiled guide surface being arcuate and at least partially encircling said first driveshaft means and positioned thereadjacent to prevent lateral deflection thereof, said first profiled guide surface of said first guide boss means being positioned adjacent said first driveshaft means diametrically opposite from said tank holding zone to restrict lateral flexing of said first driveshaft means away from said tank holding zone, said first profiled guide surface of said first guide boss means being laterally spaced from said first driveshaft means at a distance of 0.005 to 0.010 inches, said first profiled guide surface of said first guide boss means extending through an arc of approximately 120 degrees to further limit lateral

deflecting of said first driveshaft means, said first guide boss means being located at an intermediate position adjacent said first driveshaft means below said first upper clamping arm means and above said first lower clamping arm means to minimize lateral deflection of said first driveshaft means, said first guide boss means being positioned adjacent said first driveshaft means at a position halfway between said upper flange means thereabove and said lower flange means therebelow, said first profiled guide surface including:

a first upper guide edge;

- (2) a first lower guide edge spaced apart from said first upper guide edge, said first upper guide edge and said first lower guide edge cooperating to further prevent deflection of said first driveshaft means laterally;
- F. a second guide boss means of aluminum and formed integrally with said frame means below said upper flange means and above said lower [[frame]] flange means at a position intermediate therebetween adjacent said second driveshaft means, said second guide boss means positioned immediately adjacent said intermediate securement means in order to facilitate maintaining of structural integrity of said frame means thereadjacent for minimizing lateral deflecting of said second

driveshaft means, said second guide boss means defining a second profiled guide surface being arcuate and at least partially encircling said second driveshaft means and positioned thereadjacent to prevent lateral deflection thereof, said second profiled guide surface of said second guide boss means being positioned adjacent said second driveshaft means diametrically opposite from said tank holding zone to restrict lateral flexing of said second driveshaft means away from said tank holding zone, said second profiled guide surface of said second guide boss means being laterally spaced from said second driveshaft means at a distance between 0.005 to 0.010 inches, said second profiled guide surface of said second guide boss means extending through an arc of approximately 120 degrees to further limit lateral deflecting of said second driveshaft means, said second guide boss means being located at an intermediate position adjacent said second driveshaft means below said second upper clamping arm means and above said second lower clamping arm means to minimize lateral deflection of said second driveshaft means, said second guide boss means being positioned adjacent said second driveshaft means at a position halfway between said upper flange means thereabove and said lower flange means therebelow, said second profiled guide surface of said second guide boss

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- (1) a second upper guide edge;
- (2) a second lower guide edge spaced apart from said second upper guide edge, said second lower guide edge and said second upper guide edge cooperating together to further prevent deflection of said second driveshaft means laterally; and
- an interengagement means operatively attached with G. respect to said first driveshaft means and said second driveshaft means for rotating both simultaneously, said interengagement means being operative to rotate said first driveshaft means counterclockwise and said second driveshaft means clockwise simultaneously to move said first clamping arm means and said second clamping arm means toward the closed position for retaining of a tank within said tank holding zone, said interengagement means being operative to rotate said first driveshaft means clockwise and said second driveshaft means counterclockwise simultaneously to move said first clamping arm means and said second clamping arm means toward the opened position for releasing of a tank from within said tank holding zone.

Amendments To The Drawings:

None.